ABSTRACT

Methods for searching for a servo address mark (SAM) pattern using multiple sets of servo demodulation detection parameters are provided. A SAM pattern is searched for using a first set of servo demodulation detection parameters. The SAM pattern is also searched for using a second set of servo demodulation parameters, wherein at least one servo demodulation parameter in the second set is different than a corresponding parameter in the first set. Example servo demodulation parameters include staring servo automatic gain control (AGC) values and starting servo phase lock loop (PLL) values.